INSTALLATION INSTRUCTIONS

DUMP CART
MFG. NO. 1600236

ASSEMBLY OF DUMP CART

To assemble the dump cart, proceed as follows. Refer to the figure on reverse side.

1. Clean the ends of the axle shaft with emery paper to remove any excess paint or burrs.
2. Slip wheels on ends of axle shaft. Each wheel is held on by a 3/4 inch flat washer and a 1-1/2 inch long cotter pin. Slip washers onto the axle shaft and insert the cotter pins through the holes in the axle shaft. Spread the cotter pin legs.
3. With the bend in the center of the axle facing UP, place the cart frame over the axle so that the U-shaped pads on the axle fit inside the U-shaped brackets on the frame. Attach the axle to the frame with 5/16 x 2 inch capscrews and locknuts, one through each U-shaped bracket. (See figure 1.)
4. Attach the cart tongue to the cart frame with the tongue bend sloping downward, (the front of the tongue should be lower than the rear). Use two 3/8 x 2-1/4 inch capscrews, lockwashers and nuts (figure 1). (Install front capscrew first.) The frame will have to be flexed to align the holes.
5. Attach the frame pivot assembly to the rear of the frame using two 1-1/2 inch pins and spring clips. Install pins from outside (tire side) of frame.
6. Stand the dump cart box on its endgate and attach the box to the frame pivot assembly using two 3/8 x 1 inch capscrews, flat washers, bushings, lockwashers and nuts. Insert the capscrew from the inside of the box. Install the bushing on the capscrew through the pivot assembly. Place flat washer and lockwasher on the capscrew, and tighten on the nut. (See figure 1.)
7. Attach the box latch clevis to the trailer tongue as shown in figure 1. Insert a 3/8 x 2-3/4 inch capscrew through the clevis and tongue. Place the latch spring on the capscrew, and hook the large end over the tongue, the small end over the latch handle.
8. Place a 3/8 inch flat washer on the capscrew and tighten on the 3/8 inch locknut so that the latch is free to pivot on the tongue.
9. Place the box guide plate inside the trailer box with the grooved end extending through the slot in the box floor. Position the box catch plate on the outside of the box with the lip facing forward on the bottom. Attach both plates to the box with two 3/8 x 1-1/4 inch capscrews, lockwashers, and nuts, inserting the capscrews from the inside of the box.
10. A 3/8 inch pin and spring clip are provided to attach the dump cart tongue to your tractor hitch.

OPERATION

The dump cart is designed to carry 1,000 pounds. The axle is bent up slightly in the center to compensate for heavy loads. With its patented dump feature the box can be unlatched and tipped back without unhooking the cart from the tractor. The tailgate is removable by pulling it straight up.

LUBRICATION

Each wheel of the dump cart has a standard size grease fitting on the hub. The wheels require occasional greasing (light to normal use, about once a year, normal to heavy use, more often).

Wipe the grease fittings clean before greasing the wheels. Give each wheel about 4 to 5 shots of lithium based automotive grease. Apply a few drops of clean motor oil to the other moving parts of the cart, such as the latch pivot and the box pivot pins.

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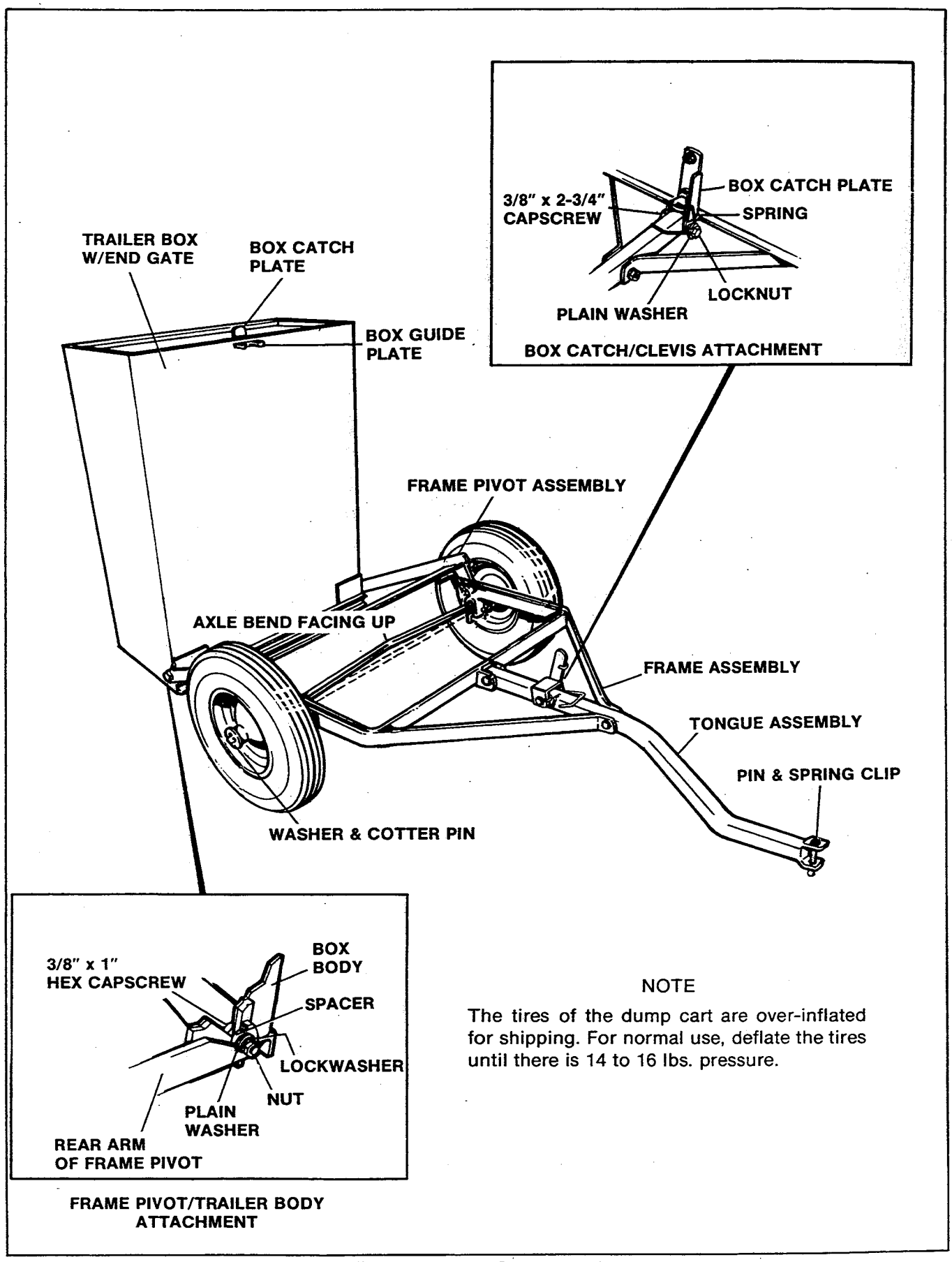

NOTE

The tires of the dump cart are over-inflated for shipping. For normal use, deflate the tires until there is 14 to 16 lbs. pressure.

Figure 1. Dump Cart Assembly